

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 29 2005
O I P E
P A T E N T & T R A D E M A R K
A P P L I C A N T : Thomer Shalit
S E R I A L N O . : 09/125,711
F I L I N G D A T E : M a r c h 4, 1999
T I T L E : M o u s e D e v i c e w i t h T a c t i l e F e e d b a c k A p p l i e d t o H o u s i n g
E X A M I N E R : D u c Q. D i n h
A R T U N I T : 2674

CERTIFICATE OF MAILING

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Mail in an envelope addressed to: Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450 Alexandria, VA
22313-1450, on the date printed below:

Date: 4/26/05

Name: Monica Pizarro
Monica Pizarro

MAIL STOP ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

APPLICANT'S COMMENTS ON REASONS FOR ALLOWANCE

These comments are responsive to the Notice of Allowance mailed on January 26, 2005, which sets forth the Examiner's statement of reasons for allowance.

The Examiner is thanked for the kind allowance of all pending claims (i.e. claims 17-20, 22, 24-33, 35-36 and 38-54 renumbered as 1-34). Applicants acknowledge the Examiner's statement of reasons for allowance as set forth in the Notice of Allowance. However, Applicants point out that the reasons for allowability of the above referenced claims are not limited to the reasons for allowance as set forth in the Notice of

Allowance, and that additional reasons for allowability may exist, each of which may be independently sufficient to establish the patentability of one or more pending claims.

Applicants respectfully reserve the right to introduce, articulate, or otherwise comment on any such additional reasons for allowance as may be appropriate in any future proceedings concerning the claimed invention.

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: April 26, 2005



David B. Ritchie
Reg. No. 31,562

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P.O. Box 640640
San Jose, CA 95164-0640
Tel.: 408-292-5800
Fax: 408-287-8040

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 29 2005
U.S. PATENT & TRADEMARK OFFICE
APPLICANT: Thomer Shalit

SERIAL NO.: 09/125,711

FILING DATE: March 4, 1999

TITLE: Mouse Device with Tactile Feedback Applied to Housing

EXAMINER: Duc Q. Dinh

ART UNIT: 2674

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Mail in an envelope addressed to: MAIL STOP ISSUE FEE, Commissioner for Patents, P.O. Box 1450 Alexandria, VA
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Date: 4/26/05Name: Monica Pizano
Monica Pizano

MAIL STOP ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR SUPPLEMENTAL NOTICE OF ALLOWANCE

Dear Sir:

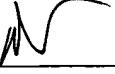
It is respectfully requested that the Patent Office acknowledge:

- (1) The Information Disclosure Statement (IDS) as filed with the U.S. Patent Office on October 13, 2004. Please find a postcard dating receipt of the IDS by the PTO on October 13, 2004 (copies enclosed).
- (2) Reference GB238215 which was provided and received by the PTO on February 1, 2000. The Examiner did not initial the reference in the Form 1449 but did not line it out and thus we believe that the omission of the initial's was inadvertent. Please note: we are also enclosing a copy of the reference and related Form 1449.

Additionally, please provide us with a supplemental Notice of Allowance for our records indicating the acknowledgement of the IDS and reference.

Respectfully submitted
THELEN REID & PRIEST LLP

Dated: April 26, 2005



David B. Ritchie
Reg. No. 31,562

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PLEASE STAMP AND RETURN TO SHOW RECEIPT OF:

In re Patent Application of: Thomer SHALIT
Application No.: 09/125,711
Filed: March 4, 1999
Confirmation No.: 8095

Examiner: Duc Q. Dinh
Art Unit: 2674

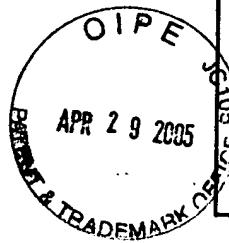
For: **MOUSE DEVICE WITH TACTILE FEEDBACK APPLIED TO HOUSING**

1. Information Disclosure Statement Transmittal
2. Information Disclosure Statement;
3. PTO/SB/08 with copies of (31) cited references provided on CD;
4. Check for \$180.00; and
5. One Return Postcard.

Dated: October 13, 2004
Attorney Docket No.: IMMR-110/00US
220947 v1/RE
4qhfl1!.DOC

Client/Matter: 302101-2335
Atty/Seov: EBM:ajo





Form 1449 (Modified)

Information Disclosure
Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No.

IMM1P094

Applicant:

T. Shalit

Filing Date: 8/24/98

Application No.:

09/125,711

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FEB 3 2000

Group 2700

Group 2774

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
DD	A,	4,868,549	9/19/89	Affinito et al.	340	710	5/18/87
DD	B	5,186,629	2/16/93	Rohen	434	114	8/22/91
DD	C	5,264,836	11/23/93	Rubin	345	157	1/15/91
DD	D	5,296,871	3/22/94	Paley	345	163	7/27/92
DD	E	5,589,828	12/31/96	Armstrong	341	20	3/5/92
DD	F	5,666,138	9/9/97	Culver	345	161	11/22/94
DD	G	5,714,978	2/3/98	Yamanaka et al.	345	157	12/5/95
DD	H	5,736,978	4/7/98	Hasser et al.	345	173	5/26/95
DD	I	5,781,172	7/14/98	Engel et al.	345	164	6/16/97
DD	J	5,790,108	8/4/98	Salcudean et al.	345	184	10/23/92
DD	K	5,825,308	10/20/98	Rosenberg	341	20	11/26/96

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
DD	L	0265011	10/12/87	EPO	06F	3/00	X	
DD	M	0489469	11/29/91	EPO	06K	11/18	X	
DD	N	0607580	12/16/93	EPO	06F	3/00	X	
DD	O	0626634	5/11/94	EPO	06F	3/00	X	
DD	P	WO9200559	1/9/92	PCT	06F	3/033	X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DD	R	Kelley et al., "Magic Mouse: Tactile & Kinesthetic Feedback in the Human-Computer Interface using an Electromagnetically Actuated Input/Output Device," University of British Columbia, 1993, pg. 1-27.
DD	S	Kelley et al., "On the Development of a Force-Feedback Mouse & its Integration into a Graphical User Interface," Int'l Mechanical Eng. Congress Exhibition, 1994, pg. 1-8.
DD	T	Payette et al., "Evaluation of a Force Feedback (Haptic) Computer Pointing Device in Zero Gravity," ASME Dynamics Systems, DSC-Vol. 58, 1996, pg. 547-553.

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Date Considered

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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Form 1449 (Modified)		Atty Docket No. IMM1P094	Application No.: 09/125,711
Information Disclosure Statement By Applicant		Applicant: T. Shalit	
(Use Several Sheets if Necessary)		Filing Date: 8/24/98	Group 2774

U.S. Patent Documents							
Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
DD	A	5,956,484	9/21/99	Rosenberg et al.	395	200.33	8/1/96
DD	B	5,959,613	9/28/99	Rosenberg et al.	345	161	11/13/96
DD	C	5,990,869	11/23/99	Kubica et al.	345	163	2/19/97
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Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-Class	Translation	
							Yes	No
	L	GB2238215	5/22/91	UK Patent	09G	1/00	X	
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Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DD	R	Rosenberg et al., "Commercially Viable Force Feedback Controller for Individuals w/Neuromotor Disabilities," Armstrong Lab., AL/CF-TR-1997-0016, 1996, pg. 1-33.
DD	S	Adachi et al., "Sensory Evaluation of Virtual Haptic Push-Buttons," Suzuki Motor Corp., 1994, pg. 1-7
DD	T	Ramstein, C., "Combining Haptic & Braille Technologies: Design Issues & Pilot Study," ACM Conf., ASSETS '96, 1996, pg. 37-44.
Examiner	Ducdenh	Date Considered 02/20/01

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Form 1449 (Modified)

Information Disclosure
Statement By Applicant

(Use Several Sheets if Necessary)

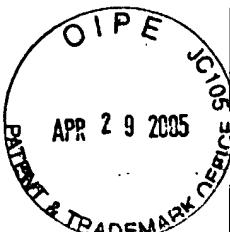
Atty Docket No.: Application No.:
IMM1P094 09/125,711

Applicant:

T. Shalit

Filing Date: 8/24/98

Group 2774



U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
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Other Documents

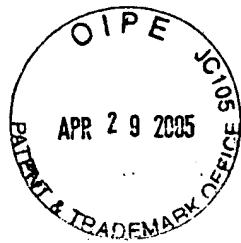
Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DD	R	Ellis et al., "Design & Evaluation of a High-Performance Prototype Planar Haptic Interface," DSC-Vol. 49, ASME, 1993, pg. 55-64.
DD	S	Hirota et al., "Development of Surface Display," IEEE 0-7803-1363-1, 1993, pg. 256-262.
DD	T	Ramstein et al., "The Pantograph: A Large Workspace Haptic Device for a Multimodal Human-Computer Interaction," Computer-Human Interaction, CHI, 1994, pg. 1-3.

Examiner *Ducank* Date Considered *2/20/01*

Examiner: Initial citation considered. Draw line through citation if not in conformance and include copy not considered. Include copy of this form with next communication to applicant.

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Group 2700

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)		Atty Docket No. IMM1P094 Application No.: 09/125,711 Applicant: T. Shalit Filing Date: 8/24/98 Group 2774
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U.S. Patent Documents							
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M								
N								
O								
P								

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DP	R	Munch et al., "Intelligent Control for Haptic Displays," Eurographics, Vol. 15 #3, Eurographics 1996, pg. 1-10.
DP	S	Akamatsu et al., "Multimodal Mouse: A Mouse-Type Device with Tactile- and Force Display," Presence, Vol. 3, No. 1, 1994, pg. 73-80.
DP	T	Su et al., "The Virtual Planel Architecture: A 3D Gesture Framework," IEEE 4-7803-1363-1, 1993, pg. 387-393.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

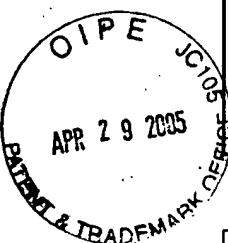
Form 1449 (Modified)**Information Disclosure
Statement By Applicant**

(Use Several Sheets if Necessary)

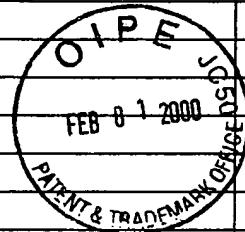
Atty Docket No.
IMM1P094Application No.:
09/125,711Applicant:
T. Shalit.

Filing Date: 8/24/98

Group 2774

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
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							Yes
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Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
D	R	Rosenberg et al., "The Use of Force Feedback to enhance Graphical User Interfaces," 1996, Proc. SPIE 2653, 19, pg. 243-248.
	S	
	T	

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Date Considered

2/20/01

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Form 1449 (Modified)**Information Disclosure
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(Use Several Sheets if Necessary)

Atty Docket No.

IMM1P094

Applicant:

T. Shalit

Filing Date: 8/24/98

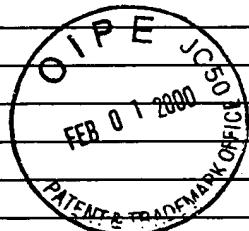
Application No.:

09/125,711

Group 2774

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
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Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation
							Yes
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	M						
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	O						
	P						

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DD	R	Minsky et al., "Feeling & Seeing: Issues in Force Display," ACM 089791-351-5, 1990, pg. 235-242, 270.
DD	S	Schmult et al., "Application Areas for a Force Feed-back Joystick," ASME, DSC-Vol 49, 1993, pg. 47-54.
DD	T	Hannaford et al., "Force-Feedback Cursor Control," NASA Tech Brief, Vol. 13, No. 11, 1989, pg. 1-4.

Examiner

Jacobs

Date Considered

2/20/01

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.